

# DHRUV POSTIWALA

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<https://github.com/CanadianKnight?tab=repositories>

## Summary

**My goal is to become associated with a company where I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.**

## Education

- **Graduate Certificate** Jan 2019 - Apr 2020  
**Data Analytics for Business (GPA – 3.82)**  
St Clair College, Canada
- **Bachelor of Technology** Jul 2012 - Jun 2016  
**Instrumentation & Control Engineering (GPA – 3.0)**  
Nirma University, India

## Employment History

**Tata Consultancy Services** Aug 2016 - Dec 2018

**Software Developer**  
India & Netherlands

- Worked with Domain Experts to configure Manufacturing Execution System (L3 - ISA 95 Standards) for different steel manufacturing lines.
- Developed programs and algorithms to enhance supportability and identify performance bottlenecks of the application.
- Created workflow diagrams to clearly demonstrate application interface to end users.
- Developed and analyzed database packages using Oracle PL/SQL Developer to support application backend.
- Effective communication with Quality engineers and Shop floor executives to sync IT systems with ongoing supply chain on a day to day basis.
- Created automated tool that supports user in getting daily/weekly/monthly reports in MS Excel fetching data from oracle database using complex SQL queries.
- Experience in service and content management tools like Service Now and Share Point.

## Technical Skills

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- **Python** (pandas, numpy, sklearn, tweepy).
- **R** (dplyr, ggplot2).
- **SQL** (DDL, DML, Joins, Aggregate functions).
- **IBM db2, Oracle Database architecture.**
- **ETL and OLAP.**
- **Tableau and IBM Cognos.**
- **Data Mining techniques** (Classification, Association rule mining, Clustering, Regression).
- **Creating Machine Learning Models** (Decision Trees, Linear-Logistic Regression, kNN classification).
- **Creating simple neural networks using python.**
- **Statistics** (Probability, Distributions, Hypothesis testing).
- **Working in agile environment.**

## Professional Skills

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- Effective Communicator and Story Teller.
- Attention to Detail.
- Life Long Learner.

## Certifications

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- **DataCamp** – Data Analyst with Python track.
- **Sololearn** – Python 3 tutorial.
- **PL/SQL internal certification** – Tata Consultancy Services.

## Projects

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- Built K-nearest algorithm learning sentiments of over hundred people predicting semifinalists and a possible winner for the ICC Cricket World Cup 2019.
- Working on Tweet analysis using Twitter API and Tweepy, TextBlob package in Python to analyze positive or negative sentiments of a tweet.

## Achievements

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- “Spot Award” for creating automated reporting tool while working in TCS.
- Winner for best project in Basic Statistics for creating animations using ggplot library in R.